

## Analytical Data Sheet

**Lot number** 1000039223  
not for drug use

**Catalog number** H-1368.0010

**Product** Amyloid  $\beta$ -Protein (1-42)

**Product number** 4014447.0010

**Molecular formula (net)** C<sub>203</sub>H<sub>311</sub>N<sub>55</sub>O<sub>60</sub>S

**Molecular mass (average)** 4514.1

Tests	Results
<b>Components</b>	
<b>Appearance</b>	
Appearance	complies [white to off-white powder]
Color	white
<b>Appearance of solution</b>	
Appearance of solution	complies [clear, colorless solution in 0.1% ammonium hydroxide (1 mg/mL)]
<b>Identification (ESI-MS)</b>	
Average mass	4514.1 u
<b>Identification (amino acid analysis)</b>	
Ala	3.6933620913
Arg	1.0194531871
Asx	4.0073775376
Glx	3.8742732256
Gly	6.0313645936
His	3.0865740689
Ile	2.6960987095
Leu	2.0000000000
Lys	2.0144717673
Met	1.1363599560
Phe	2.9201656398
Ser	1.4882992027 (partially destroyed during hydrolysis)
Tyr	0.9108178230
Val	5.7776193113

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Tests	Results
Components	
<b>Purity (HPLC)</b>	
Purity	96.1%
<b>Assay (elemental analysis)</b>	
Assay (EA, as is)	92.4%

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This Analytical Data Sheet is based on reviewed analytical data and is valid without handwritten signatures.

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Date created: September 29, 2020